# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S)

: B.M.J. Stringer

**EXAMINER:** 

Shibuya, M.

SERIAL NO.

09/837,561

ART UNIT:

1635

**FILED** 

: April 18, 2001

FOR

: HUMAN CELL LINES

#### **CERTIFICATE OF MAILING UNDER 37 CFR 1.8**

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Josephine Piccinich

Name

Signature & Date

## INFORMATION DISCLOSURE STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

Dear Sir:

In accordance with Applicant's and Applicant's representatives' Duty of Disclosure under 37 CFR § 1.56, and pursuant to 37 CFR §1.97 and MPEP 717.05(b), Applicant(s) submit herewith documentary information for consideration by the Examiner. Information herein cited is only set forth in fulfillment of Applicant's duty of candor in disclosing all information brought to his attention, and is not an admission that it can be used adversely. The publications forwarded herewith are listed on the enclosed Form PTO-1449. Applicant(s) request that the Examiner, upon reviewing the enclosed materials, initial the enclosed form and return a copy thereof in accordance with the instructions on the form.

References AA through AO listed on the attached Form PTO-1449 are not enclosed since they are of record in U.S. Serial No. 08/836,440 and U.S. Serial No. 09/390,161 the parent applications of the captioned applications. Please charge any fees, if any are required in connection with this submission, to Klauber & Jackson Deposit Account No. 11-1153.

Respectfully submitted,

L RA

Catherine Roseman Smith Attorney for Applicants Registration No. 34,240

KLAUBER & JACKSON 411 Hackensack Avenue Hackensack, New Jersey 07601 (201) 487-5800

| Form PTO-1449 IRSY. 7.801 U.S. Department of Commerce | ATTORNEY<br>DOCKET NO. | 2240-1-001DIV1CON |
|---|------------------------|-------------------|
| Patent and Trademark Office                           | SERIAL NO.             | 09/837,561        |
| LIST OF DOCUMENTARY INFORMATION                       | APPLICANT              | B.M.J. Stringer   |
| CITED BY APPLICANT (Use several sheets if necessary)  | FILING DATE            | April 18, 2001    |
|   | GROUP                  | 1635              |

### U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE | NAME  | CLASS | SUB-<br>CLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|--------------------|------|-------|-------|---------------|-------------------------------|
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### FOREIGN PATENT DOCUMENTS

|        | DOCUMENT<br>NUMBER | DATE    | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION<br>YES NO |
|--------|--------------------|---------|---------|-------|---------------|-----------------------|
| <br>AA | WO 89/05862        | 6/29/89 | PCT     |       |               |                       |
| <br>AB | WO 94/12616        | 6/9/94  | PCT     |       |               |                       |
| AC     | WO 95/02687        | 1/26/95 | PCT     |       |               |                       |
|        |                    |         |         |       |               |                       |

# OTHER PRIOR ART (Including Author, Title, Date. Pertinent Pages, Etc.)

| A | AD | Abcouwer et al. (1989) Biotechnology 7:939-46                |  |  |  |
|---|----|--|--|--|--|
| Α | AE | Amsterdam (1988), Proc. Natl. Acad. Sci. USA, 85:7582-6      |  |  |  |
| A | ĀF | Benoit et al. (1995) In Vitro Cell Dev. Biol. Anim. 31:174-7 |  |  |  |
| Α | AG | Cao et al. (1995) Bone 17:588                                |  |  |  |
| A | АН | Isom (1980), J. Cell Biol., 85:651-9                         |  |  |  |
| A | ΑI | Rhim (1985), Science, 227:1250-2c                            |  |  |  |
| A | AJ | Stamfer (1985), Proc. Natl. Acad. Sci. USA, 82:2394-8        |  |  |  |
| Α | AK | Stringer (1974), Developmental Brain Research, 79:267-74     |  |  |  |
| Α | AL | Verbruggen et al. (1993) Agents Actions Suppl. 39:267-72     |  |  |  |
| A | AM | Vitry (1974), Proc. Natl Acad. Sci USA, 71:3575-9            |  |  |  |

|           | AN | Walker et al. (1995) Bone 17:565   |                  |
|-----------|----|------------------------------------|------------------|
|           | AO | Yoakum (1985), Science, 227:1174-9 |                  |
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### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S)

: B.M.J. Stringer

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: HUMAN CELL-LINES

#### CERTIFICATE OF MAILING UNDER 37 CFR §1.8

I hereby certify that this correspondence (and any paper referred to as transmitted herewith) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231 on September 19, 2002.

Catherine Roseman Smith
(Name of depositor)

(Signature and Date)

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

#### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with Applicant's and Applicant's representatives' Duty of Disclosure under 37 CFR § 1.56, and pursuant to 37 CFR §1.97 and MPEP 717.05(b), Applicant(s) submit herewith documentary information for consideration by the Examiner. Information herein cited is only set forth in fulfillment of Applicant's duty of candor in disclosing all information brought to his attention, and is not an admission that it can be used adversely. The publications forwarded herewith are listed on the enclosed Form PTO-1449. Applicant(s) request that the Examiner, upon reviewing the enclosed materials, initial the enclosed form and return a copy thereof in accordance with the instructions on the form.

Enclosed please find copies of References AP, AQ and AR listed on the attached Form PTO-1449. No fee is beleived due, however if a fee is due in connection with this transmittal please charge any additional fees, or credit any overpayments, to Klauber & Jackson Deposit Account 11-1153.

Respectfully submitted,

Catherine Roseman Smith Attorney for Applicants Registration No. 34,240

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|--|--|---|-------------------|------------------------|----------------|---------------|-------------------------------|--|
| Patent and Trademark Office  |  |   | SERIAL NO.        | 09/837,561             |                |               |                               |  |
| LIST OF DOCUMENTARY INFORMATION  |  |   | APPLICANT         | B.M.J. Str             | inger          |               |                               |  |
| 11   | CITED BY APPLICANT (Use several sheets if necessary) |   |                   | FILING DATE            | April 18, 2001 |               |                               |  |
| <u></u>  |  |   |                   | GROUP                  | 1635           |               |                               |  |
|  |  |   | U.S. PA           | TENT DOCUMENTS         | S<br>          |               |                               |  |
| EXAMINER<br>INITIAL  |  | DOCUMENT<br>NUMBER                        | DATE              | NAME                   | CLASS          | SUB-<br>CLASS | FILING DATE IF<br>APPROPRIATE |  |
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| U <u> </u>   | FOREIGN PATENT DOCUMENTS                             |   |                   |                        |                |               |                               |  |
|  |  | DOCUMENT<br>NUMBER                        |                   |                        |                |               |                               |  |
| í  | AP   | WO 89/09816                               | 10/99             | PCT                    |                |               |                               |  |
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|  |  |   |                   | Author, Title, Date, F | Pertinent Pa   | ges, Etc.)    |                               |  |
| }  | AQ<br>AR   | Cepko, (1989) Ann. Rev. Neurosc, 12:47-65 |                   |                        |                |               |                               |  |
|  | AH   | Whittemore (1994) Glia, 10:211-226        |                   |                        |                |               |                               |  |
|  |  |   |                   |                        |                |               |                               |  |
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